

KEYLOK Fortress Flash Drive®

Building a Secure Software Environment



Fortress Flash dongles provide the same Fortress protection and licensing capabilities along with partitionable flash store (8GB). Used for distributing applications and data storage. Auto-run enables users to run the application directly from the dongle.

Overview

- ✓ Extended memory provides additional security and licensing options
- ✓ CodeVault offers enhanced security through execution of application code on the dongle
- ✓ Smart card processor
- ✓ Extensive API library enables rapid & simple implementation

Features

- ✓ Driverless
- ✓ Windows, Mac, Linux (including ARM)
- ✓ Protect multiple applications with one device
- ✓ Use multiple dongles on a single server (Windows)
- ✓ Available for Networks (Windows) to enforce concurrent usage
- ✓ Implement creative licensing models including Expiration Date, Features and Counters
- ✓ Remote Update dongles in the field
- ✓ 5,000 - 55,000 bytes read/write programmable memory
- ✓ CodeVault for enhanced security
- ✓ Smart card processor

OS and Development Tools

| Operating Systems | Development Tools |
|-------------------------------------|------------------------------------|
| Windows XP (32/64 bit) and newer | Borland C/C++ |
| Linux 2.4 and newer (incl. ARM) | Delphi |
| MAC OSX | Intel Fortran |
| UNIX | Java |
| Ubuntu 13.1 x64 x86 / 12.04 x32 x64 | Linux (C, Java) |
| Fedora V18 x64 x86 | Microsoft Access |
| OpenSUSE 13.1 x32 x64 | Microsoft Visual Basic |
| CentOS 6.5 x32 x64 | Microsoft Visual Studio (C/C++/C#) |
| | PERL |
| | VB.Net |



Technical Specifications

| Environment | |
|--------------------------|--|
| Storage Temperature | -10° F to 175°F (-23° C to 80° C) |
| Operating Temperature | 32° F to 157° F (+0° C to +70° C) |
| Dimensions / Connectors | |
| Fortress Flash Drive USB | 50mmx19mmx7mm Standard USB port |
| Memory | |
| Type | Programmable memory |
| Data retention | At least 10 years |
| Programming RAM | 5,120 bytes = 2560 memory locations 18,944 bytes = 9472 memory locations 50,560 bytes = 25280 memory locations 1 Million Write cycles per location Unlimited Read cycles |
| Security | |
| Encryption | Proprietary Encryption Algorithms |
| Authentication Password | 2 ⁹⁶ possibilities |
| Read Password | 2 ⁹⁶ possibilities |
| Write Password | 2 ⁹⁶ possibilities |
| Smartcard | ISO/IEC 15408 Security Evaluation Level EAL 5+ Highest level globally |
| Power | No more than 15 milliamps / Battery on RTC lasts up to 3 years |